Model Performance

Model	Data

Weighted KNN model

5-fold CV (75%)		Training (75%)		Test (25%)	
Q2	RMSE	R2	RMSE	R2	RMSE
0.72	51.8	0.74	50.3	0.73	52.7

Model Results

Predicted value: 131 °C

Global applicability domain: Inside

Local applicability domain index: 5.98e-01

Confidence level: 4.93e-01

Nearest Neighbors from the Training Set

Image not found
Carbofuran
Measured: 151
Predicted: 131

Image not found
Metaxalone
Measured: 122
Predicted: 116

Image not found
Propoxur
Measured: 87.0
Predicted: 93.8

Image not found
Ethiofencarb
Measured: 33.4
Predicted: 77.8

Image not found
Methiocarb
Measured: 120
Predicted: 98.3